

Environmental Protection Agency

§ 464.31

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/62.3 Million Sm ³ (pounds per billion SCF) of air scrubbed | |
| Copper (T) | 0.552 | 0.301 |
| Lead (T) | 0.38 | 0.187 |
| Zinc (T) | 0.545 | 0.208 |
| Total Phenols | 0.617 | 0.215 |
| TTO | 1.65 | 0.54 |
| Oil and Grease (for alternate monitoring) | 21.5 | 7.18 |

(d) *Grinding Scrubber Operations.* No discharge of process wastewater pollutants to a POTW.

(e) *Investment Casting.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 8.48 | 4.63 |
| Lead (T) | 5.84 | 2.86 |
| Zinc (T) | 8.37 | 3.19 |
| TTO | 25.4 | 8.29 |
| Oil and Grease (for alternate monitoring) | 330 | 110 |

(f) *Melting Furnace Scrubber Operations.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/62.3 million Sm ³ (pounds per billion SCF) of air scrubbed | |
| Copper (T) | 1.81 | 0.988 |
| Lead (T) | 1.25 | 0.612 |
| Zinc (T) | 1.79 | 0.673 |
| Total Phenols | 2.02 | 0.706 |
| TTO | 5.41 | 1.77 |
| Oil and Grease (for alternate monitoring) | 70.6 | 23.5 |

(g) *Mold Cooling Operations.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.392 | 0.214 |
| Lead (T) | 0.27 | 0.132 |
| Zinc (T) | 0.387 | 0.148 |
| TTO | 0.428 | 0.14 |
| Oil and Grease (for alternate monitoring) | 15.3 | 5.09 |

§ 464.27 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology. [Reserved]

Subpart C—Ferrous Casting Subcategory

§ 464.30 Applicability; description of the ferrous casting subcategory.

The provisions of this subpart are applicable to discharges to waters of the United States and to the introduction of pollutants into publicly owned treatment works resulting from ferrous casting operations as defined in § 464.02(c).

§ 464.31 Specialized definitions.

For the purpose of this subpart:

(a) *Total Toxic Organics (TTO).* TTO is a regulated parameter under PSES (§ 464.35) and PSNS (§ 464.36) for the ferrous subcategory and is comprised of a discrete list of toxic organic pollutants for each process segment where it is regulated, as follows:

(1) Casting Quench (§ 464.35(b) and § 464.36(b)):

- 23. chloroform (trichloromethane)
- 34. 2,4-dimethylphenol

(2) Dust Collection Scrubber (§ 464.35(c) and § 464.36(b)):

- 1. acenaphthene
- 23. chloroform (trichloromethane)
- 31. 2,4-dichlorophenol
- 34. 2,4-dimethylphenol
- 39. fluoranthene
- 44. methylene chloride (dichloromethane)
- 55. naphthalene
- 64. pentachlorophenol
- 65. phenol
- 66. bis(2-ethylhexyl)phthalate
- 67. butyl benzyl phthalate
- 68. di-n-butyl phthalate
- 70. diethyl phthalate